



GREAT WESTERN DRILLING COMPANY
Post Office Box 1659 • Midland, Texas 79702 • 915.682-5241

September 13, 1982

H.C.W. Exploration, Inc.
P.O. Box 10585
Midland, TX 79702

Attn: Steve A. Douglas

Re: HCW Exploration, Inc., R.W. Cowden "C" #9
1650' FNL & 800' FEL, Sec. 31, T-23-S, R-37-E
Lea County, New Mexico

Gentlemen:

Great Western Drilling Company does not object to your non-standard unit as such; however, we feel that it might better drain your acreage if it were moved to the west of where it is presently staked.

We do object to the present proposed location.

Yours very truly,

B.C. Mahanay
General Superintendent

BCM:ef

cc: Well File (H. Leonard B No. 2)
AFB
JRA

SEP 9 1982



HCW EXPLORATION, INC.

P. O. Box 10585
Suite 200
601 N. Loraine Street
Midland, Texas 79702
(915) 683-3303

August 25, 1982

Offset Operators
Jalmat (Gas) Pool

RE: HCW Exploration, Inc.
R. W. Cowden "C" #9
1650' FNL & 800' FEL
Sec. 31, T-23-S, R-37-E
Lea County, New Mexico

Gentlemen,

HCW Exploration, Inc. hereby requests approval for a non-standard unit on above referenced well. We wish to dedicate the northeast quarter of Section 31 (160 acres) to the R. W. Cowden "C" #9 well to be drilled as a Yates gas well in the Jalmat (Gas) pool. The R. W. Cowden "C" #4 located in the northwest quarter of Section 31 is currently producing and its proration unit will be reduced from the north half of Section 31 (320 acres) to the northwest quarter of Section 31 (160 acres). The standard proration unit size for a well in the Jalmat (Gas) pool is 320 acres. Should you have no objection to our request to drill the above referenced well on a non-standard 160 acre unit, please acknowledge your approval by signing below, and returning to us in the self-addressed stamped envelope. Thank you for your consideration in this matter.

Very Truly Yours,

Steve A Douglas

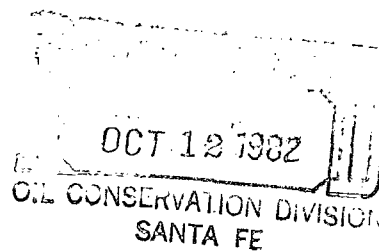
Steve A. Douglas
Division Engineer

Company: HCW EXPLORATION & PRODUCTION CO.

Date: 9-12-82

Approved by: J. L. Power

Title: MANAGER CONSERVATION



AUG 2 1982



HCW EXPLORATION, INC.

P. O. Box 10585
Suite 200
601 N. Loraine Street
Midland, Texas 79702
(915) 683-3303

August 25, 1982

Offset Operators
Jalmat (Gas) Pool

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Sec. 31, T-23-S, R-37-E
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Thank you for your consideration in this matter.

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A handwritten signature in cursive script that reads 'Steve A. Douglas'.

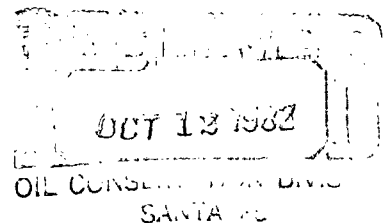
Steve A. Douglas
Division Engineer

Company: Alpha Twenty-one Prod. Co.

Date: 8-27-82

Approved by: [Signature]

Title: Exec. V.P.





Amoco Production Company (USA)

500 Jefferson Building
P.O. Box 3092
Houston, Texas ~~77001~~ 77253

October 1, 1982

File: JCA-986.51-3312

Re: Non-Standard Unit
R. W. Cowden "C" Well No. 9
Jalmat Gas Pool
Lea County, Texas

Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

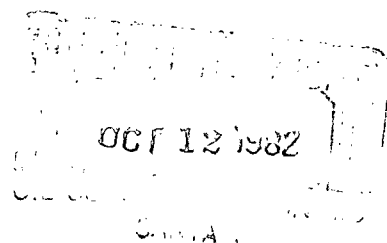
HCW Exploration, Inc. has filed an application for approval for a non-standard unit on the above referenced well. The northeast quarter of Section 31 (160 acres) will be dedicated to the R. W. Cowden "C" Well No. 9 to be drilled as a Yates gas well in the Jalmat (Gas) pool.

Amoco Production Company has no objection to HCW Exploration request to drill the subject well on a non-standard 160 acre unit.

Yours very truly,

MLC/ku
1029/Q

cc: HCW Exploration, Inc. ✓
P.O. Box 10585
Midland, TX 79702





HCW EXPLORATION, INC.

P. O. Box 10585
Suite 200
601 N. Loraine Street
Midland, Texas 79702
(915) 683-3303

August 25, 1982

Offset Operators
Jalmat (Gas) Pool

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1650' FNL & 800' FEL
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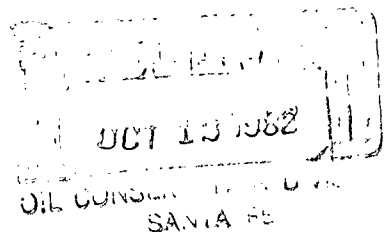
Steve A. Douglas
Division Engineer

Company: ARCO Oil and Gas Company

Date: September 2, 1982

Approved by: Ronald D. White

Title: Area Engineer





HCW EXPLORATION, INC.

P. O. Box 10585
Suite 200
601 N. Loraine Street
Midland, Texas 79702
(915) 683-3303

August 25, 1982

Offset Operators
Jalmat (Gas) Pool

RE: HCW Exploration, Inc.
R. W. Cowden "C" #9
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Sec. 31, T-23-S, R-37-E
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Steve A. Douglas
Division Engineer

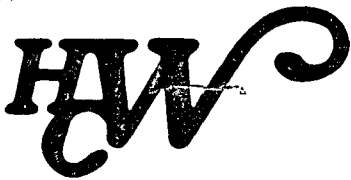
Company: AMERADA HESS

Date: 9-8-82

Approved by: [Signature]

Title: MGR TECH SERVICES

OCT 12 1982
OIL CONSERVATION DIVISION
SANTA FE



HCW EXPLORATION, INC.

P. O. Box 10585
Suite 200
601 N. Loraine Street
Midland, Texas 79702
(915) 683-3303

August 25, 1982

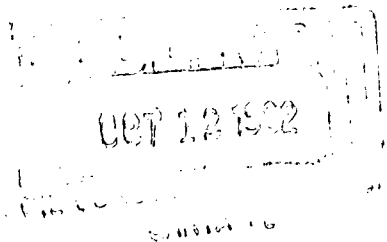
Offset Operators
Jalmat (Gas) Pool

RE: HCW Exploration, Inc.
R. W. Cowden "C" #9
1650' FNL & 800' FEL
Sec. 31, T-23-S, R-37-E
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Very Truly Yours,

Steve A. Douglas

Steve A. Douglas
Division Engineer

CITIES SERVICE COMPANY
Company: _____

Date: SEP 20 1982

Approved by: *[Signature]*

Title: *mgr. Engr.*

640 Acres Order R-1670

check the rules!!



HCW EXPLORATION, INC.

P. O. Box 10585
Suite 200
601 N. Loraine Street
Midland, Texas 79702
(915) 683-3303

August 25, 1982

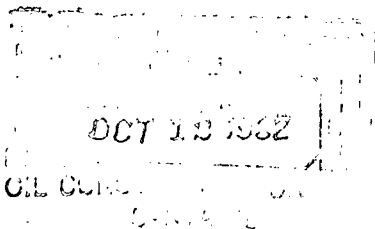
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Jalmat (Gas) Pool

RE: HCW Exploration, Inc.
R. W. Cowden "C" #9
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Sec. 31, T-23-S, R-37-E
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Thank you for your consideration in this matter.



Very Truly Yours,

Steve A. Douglas

Steve A. Douglas
Division Engineer

Company: *Doyle Hartman*

Date: 9-1-82

Approved by: _____

Title: _____



AUG 30 1982



HCW EXPLORATION, INC.

P. O. Box 10585
Suite 200
601 N. Loraine Street
Midland, Texas 79702
(915) 683-3303

August 25, 1982

Offset Operators
Jalmat (Gas) Pool

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Thank you for your consideration in this matter.

OCT 19 1982
OIL CO.

Very Truly Yours,

Steve A. Douglas

Steve A. Douglas
Division Engineer

Company: Getty Oil Co.

Date: 8-30-82

Approved by: *John A. L. [Signature]*

Title: Area Superintendent

PS Form 3811, Jan. 1978

SENDER: Complete items 1, 2, and 3.
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)
☐ Show to whom and date delivered.....¢
☒ Show to whom, date and address of delivery.....¢
☐ RESTRICTED DELIVERY
Show to whom and date delivered.....¢
☐ RESTRICTED DELIVERY.
Show to whom, date, and address of delivery.\$ ____
(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
CONOCO, INC.
Box 1459
GIBRALTAR SAVINGS
MIDLAND, TX 79702

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	P 220 612 143	

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐ Addressee ☒ Authorized agent
Ray F. [Signature]

4. DATE OF DELIVERY

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

POSTMARK
7867
06
214
SEPT

CLERK'S INITIALS

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL



nsf-
Waiver

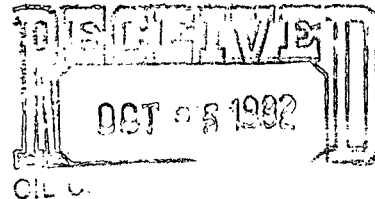
Amoco Production Company (USA)

500 Jefferson Building
P.O. Box 3092
Houston, Texas ~~xxxx~~ 77253

October 1, 1982

File: JCA-986.51-3312

Re: Non-Standard Unit
R. W. Cowden "C" Well No. 9
Jalmat Gas Pool
Lea County, Texas



Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

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Amoco Production Company has no objection to HCW Exploration request to drill the subject well on a non-standard 160 acre unit.

Yours very truly,

R.L. Smith
Me

MLC/ku
1029/Q

cc: HCW Exploration, Inc.
P.O. Box 10585
Midland, TX 79702



HCW EXPLORATION, INC.

P. O. Box 10585
Suite 200
601 N. Loraine Street
Midland, Texas 79702
(915) 683-3303

The following are receiving copies of the preceding letter:

Alpha Twenty-One Production Company
Room 2100 First National Bank Bldg.
Midland, Texas 79701

Amoco Production Company
Box 68
205 E. Bender
Hobbs, New Mexico 88240

Arco Oil and Gas Company
Box 1710
Hobbs, New Mexico 88240

Amerada Hess Corporation
Box 840
Seminole, Texas 79360

Cities Service Company
Box 1919
700 Midland National Bank Tower
Midland, Texas 79702

Conoco, Inc.
Box 1959
Gibraltar Savings Center
Midland, Texas 79702

Doyle Hartman
500 N. Main
P.O. Box 10426
Midland, Texas 79702

Great Western Drilling Company
Box 1659
509 N. Loraine
Midland, Texas 79702

Getty Oil Company
Box 730
Hobbs, New Mexico 88240

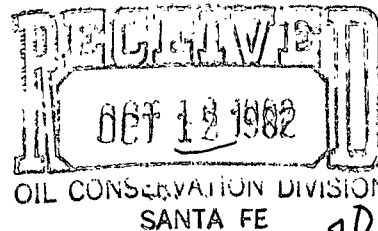
Sun Production Company
Box 1861
901 W. Wall
Midland, Texas 79702

9-14-82 / Call Melba - Hobbs
OK w/ Melba



HCW EXPLORATION, INC.

P. O. Box 10585
Suite 200
601 N. Loraine Street
Midland, Texas 79702
(915) 683-3303



October 8, 1982

Division Director
State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Administrative Approval
Non-Standard Gas Unit
HCW Exploration, Inc.
R. W. Cowden "C" #9
NE/4, Sec. 31, T-23-S, R-37-E
Lea County, New Mexico
Jalmat (Gas) Pool

Dear Sir:

HCW Exploration, Inc. respectfully requests administrative approval for a non-standard gas unit in the Jalmat (Gas) Pool for the above referenced well. The northeast quarter (160 acres) of section 31 is being dedicated to this well. The standard proration unit size for a well in the Jalmat (Gas) Pool is 640 acres. The well has been drilled and completed and is currently being cleaned up after a frac treatment. Enclosed are the following:

1. Approved C-101.
2. C-102.
3. C-103's dated 9-16-82 and 10-5-82.
4. List of offset Jalmat (Gas) operators and mailing address of each operator.
5. Land map showing location of well.
6. Signed waivers of objection from nine of the ten offset operators.

NS P 1335
Rule 5 (c)(3) R-1670
11-12-82

Consent only waiver
needed

HCW EXPLORATION, INC.
October 8, 1982
Page 2

7. Certified mail receipt dated 8-30-82 for tenth offset operator (Conoco, Inc.).

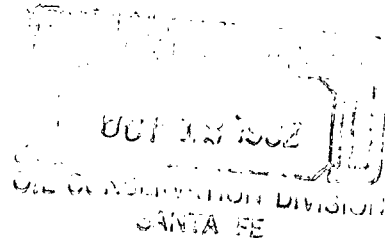
Should you have any questions regarding this matter, please contact the undersigned.

Very truly yours,

HCW EXPLORATION, INC.

Steve A Douglas

Steve A. Douglas
Division Engineer



OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEC <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

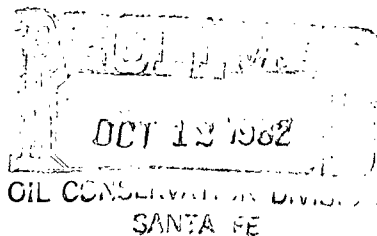
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name R. W. Cowden "C"	
c. Name of Operator HCW Exploration, Inc.		9. Well No. 9	
d. Address of Operator P. O. Box 10585 Midland, Texas 79702		10. Field and Pool, or Wildcat Jalmat (Gas)	
e. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE <u>800</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>31</u> TWP. <u>23S</u> R. <u>37E</u> N. <u>10</u>		12. County Lea	
19. Proposed Depth 3300'		19A. Formation Yates	
20. Rotary or C.T. Rotary		21. Approx. Date Work will start August 1982	
1. Elevations (Show whether DT, RT, etc.) 3329' GR		21A. Kind & Status Plug. Bond Blanket	
21B. Drilling Contractor To be Determined		22. Approx. Date Work will start August 1982	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	24#	400'	150	Surface
7 7/8"	4 1/2"	10.5#	3300'	500	Surface

Propose to drill 11" hole to 400' and run 8 5/8" casing. Will cement with sufficient cement volume to circulate cement to surface. Nipple up 10" 3000 psi BOP with pipe rams and blind rams. Drill 7 7/8" hole to approximately 2700' using brine water. Will drill with mud from 2700' to 3300' TD. Run open hole logs and if well looks productive, run 4 1/2" casing. Will try to circulate cement to surface on 4 1/2" casing. Will attempt to complete well as Yates gas well.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2/25/83
UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Steve A. Douglas Steve Douglas Title Division Engineer Date August 20, 1982(This space for State Use)
ORIGINAL SIGNED BY
JERRY SEXTONAPPROVED BY DISTRICT 1 SUPR. TITLE DISTRICT 1 SUPR. DATE AUG 25 1982

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-4-85

All distances must be from the outer boundaries of the Section

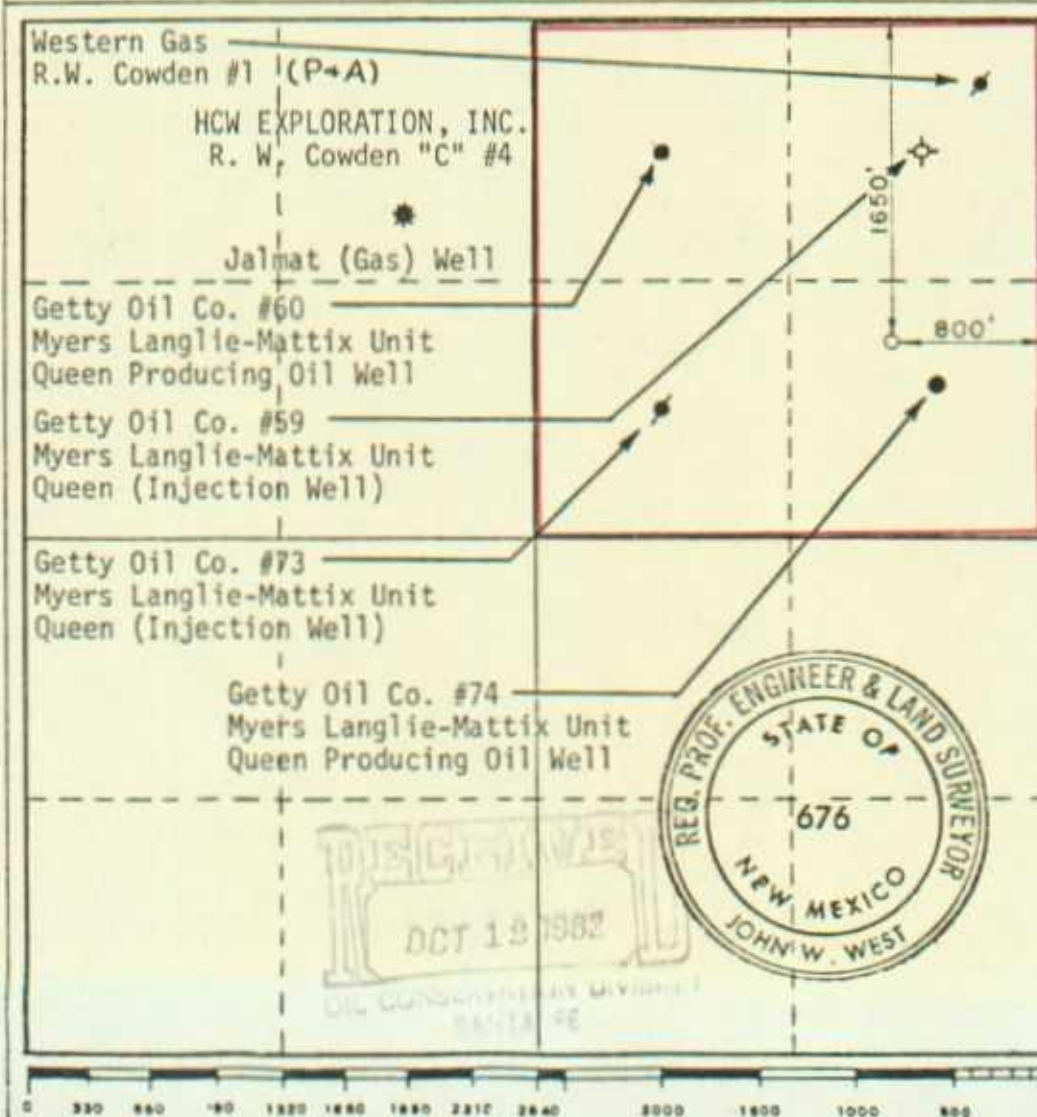
Operator H.C.W. EXPLORATION INC.		Lease R.W. COWDEN "C"		Well No. 9
Unit Letter H	Section 31	Township 23-SOUTH	Range 37-EAST	County LEA
Actual Footage Location of Well: 1650 feet from the NORTH line and 800 feet from the EAST line				
Ground Level Elev. 3328.8	Producing Formation Yates	Pool Jalmat (Gas)	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Steve A. Douglas

Name

Steve A. Douglas

Position

Division Engineer

Company

HCW Exploration, Inc.

Date

August 20, 1982

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

AUGUST 17, 1982

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. JOHN W. WEST 676
PATRICK A. ROMERO 6665
Ronald J. Eldson 3239

OFFSET JALMAT (GAS) OPERATORS

<u>Operator</u>	<u>Lease Name & Well No.</u>	<u>Location</u>
Sun Production Company	Blinebry #8-A	Sec. 29, T23S, R37E
Arco Oil & Gas Company	R.W. Cowden "A" WN #1	Sec. 30, T23S, R37E
Great Western Drilling Company	H. Leonard "B" #2	Sec. 32, T23S, R37E
Alpha Twenty-One Production Company	El Paso Plant #1	Sec. 32, T23S, R37E
Amoco Production Company	Myers "B" Federal #31	Sec. 6, T24S, R37E
Arco Oil & Gas Company	Jim Camp "WN" #2	Sec. 6, T24S, R37E
Amerada Hess Corporation	State LM "T" #9	Sec. 36, T23S, R36E
Amerada Hess Corporation	State LM "T" #10	Sec. 36, T23S, R36E
Doyle Hartman	Maralo State #1	Sec. 36, T23S, R36E
Cities Service Company	State "Q" #1	Sec. 36, T23S, R36E
Arco Oil & Gas Company	T.M. Lankford "WN" #1	Sec. 25, T23S, R36E
Conoco, Inc.	Lynn B-25	Sec. 25, T23S, R36E
Conoco, Inc.	Vaughn B-1 #1	Sec. 1, T24S, R36E